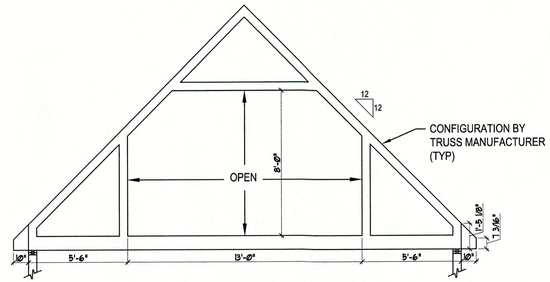
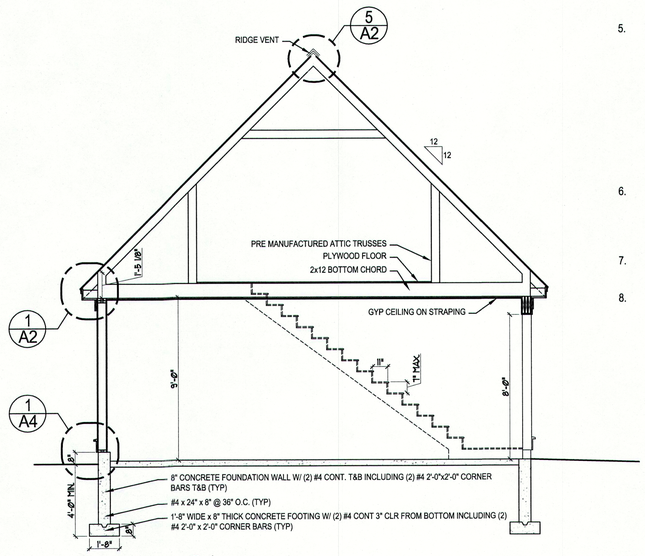
TIMBER TRUSS NOTES:

1. Timber trusses shall be designed in accordance with structural loading produced by IBC 2009 and ASCE 7-88.
2. Materials: Stress graded lumber, metal plate connectors. Minimum grade No. 2 M.S.R. Lumber, kiln dried, 15% maximum M.C., or approved alternate.
3. Applicable specifications:
   a) National Design Specification for stress graded lumber and its fastening (NDS).
   b) Design specifications for light metal plate connected wood trusses (TPI-latest edition).
4. Bracing: The truss manufacturer shall specify all bracing required both for temporary construction loading per Truss Plate Institute (TPI) requirements and for permanent lateral support of compression members and for permanent chord/web bracing.
5. Submittals:
   a) Submit design calculations, shop drawings, and erection procedures all affixed with the seal of a professional structural engineer licensed in the State of Maine.
   b) Shop drawings shall show stress grade and size of members, size and location of plate connectors, size and location of bracing, and shall be approved by the truss designer.
6. All fabricated trusses shall be inspected at the fabrication plant and approved trusses shall receive the TPI mark of approval in accordance with the truss plate institute in-plant inspection license agreement.
7. Connector plates shall be galvanized.
8. Provide Simpson H2.5 hurricane anchors at all locations where trusses bear on bearing walls and structural steel beams.

ROOF TRUSS LOADING
TCLL: = 40 P.S.F.
TCDL: = 10 P.S.F.
BCLL: = 20 P.S.F. (EXCEPT IN USABLE STORAGE AREAS = 125 PSF)
BCDL: = 10 P.S.F.

NOTE:
1. MAXIMUM PERMISSIBLE LIVE LOAD DEFLECTION SHALL BE L/360.
2. TRUSS DESIGNER SHALL DESIGN TRUSSES FOR APPLICABLE LIVE, DEAD AND LATERAL LOADS IN ACCORDANCE WITH THE 2009 IRC INTERNATIONAL RESIDENTIAL BUILDING CODE INCLUDING WIND, SNOW, UNBALANCED SNOW AND DEAD LOADS (TYP).
3. TEMPORARY AND PERMANENT TOP CHORD, BOTTOM CHORD AND WEB BRACING SHALL BE INSTALLED IN ACCORDANCE WITH TPI AND THE HIB-LATEST EDITION REPORT.





3 | SECTION
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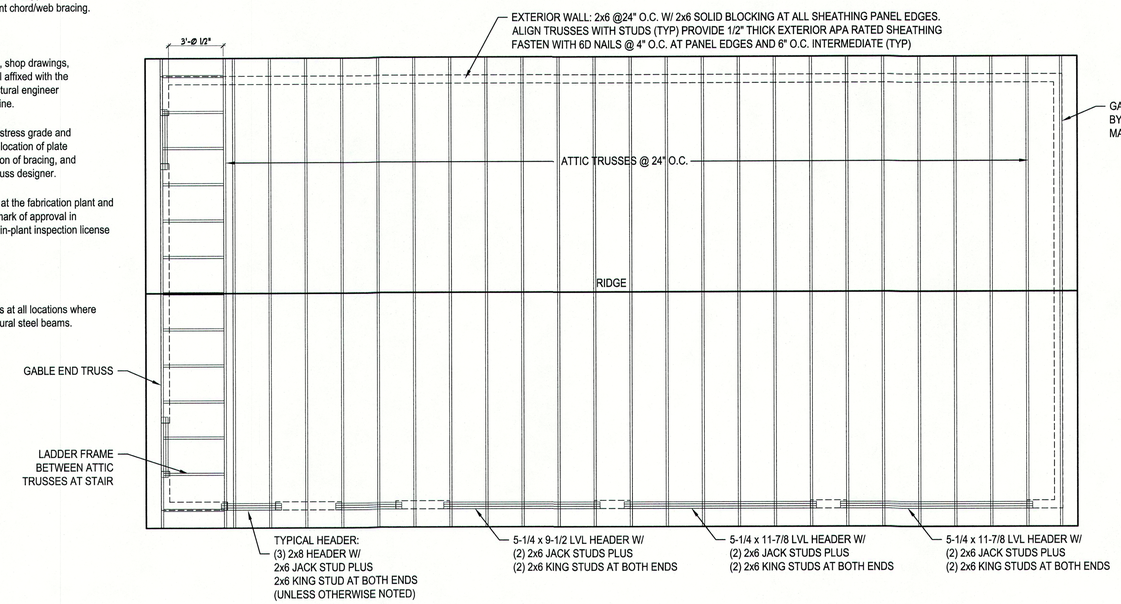
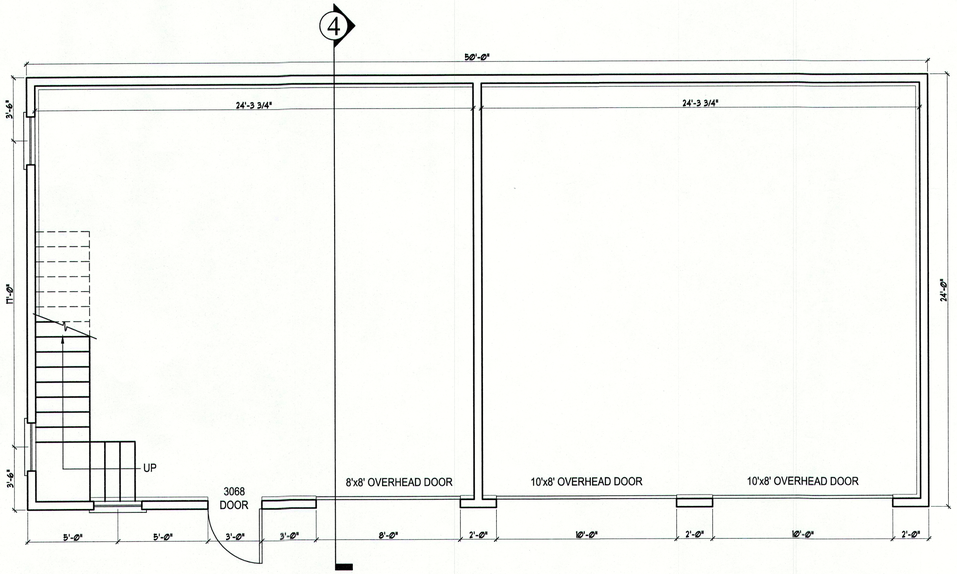
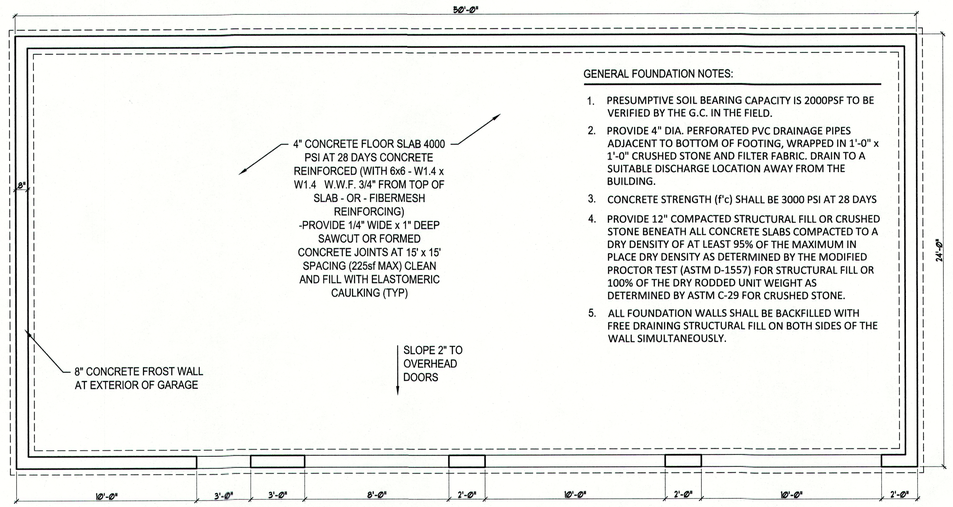


2 | ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"



1 | PLAN
SCALE: 1/4"=1'-0"



GENERAL FOUNDATION NOTES:

1. PRESUMPTIVE SOIL BEARING CAPACITY IS 2000PSF TO BE VERIFIED BY THE G.C. IN THE FIELD.
2. PROVIDE 4" DIA. PERFORATED PVC DRAINAGE PIPES ADJACENT TO BOTTOM OF FOOTING, WRAPPED IN 1'-0" x 1'-0" CRUSHED STONE AND FILTER FABRIC. DRAIN TO A SUITABLE DISCHARGE LOCATION AWAY FROM THE BUILDING.
3. CONCRETE STRENGTH (f'c) SHALL BE 3000 PSI AT 28 DAYS
4. PROVIDE 12" COMPACTED STRUCTURAL FILL OR CRUSHED STONE BENEATH ALL CONCRETE SLABS COMPACTED TO A DRY DENSITY OF AT LEAST 95% OF THE MAXIMUM IN PLACE DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D-1557) FOR STRUCTURAL FILL OR 100% OF THE DRY RODDED UNIT WEIGHT AS DETERMINED BY ASTM C-29 FOR CRUSHED STONE.
5. ALL FOUNDATION WALLS SHALL BE BACKFILLED WITH FREE DRAINING STRUCTURAL FILL ON BOTH SIDES OF THE WALL SIMULTANEOUSLY.

0 | FOUNDATION PLAN
SCALE: 1/4"=1'-0"

Prepared For: TEXT
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Project: CUMBERLAND STORAGE/FOOD PANTRY
VILLAGE GREEN
CUMBERLAND, MAINE

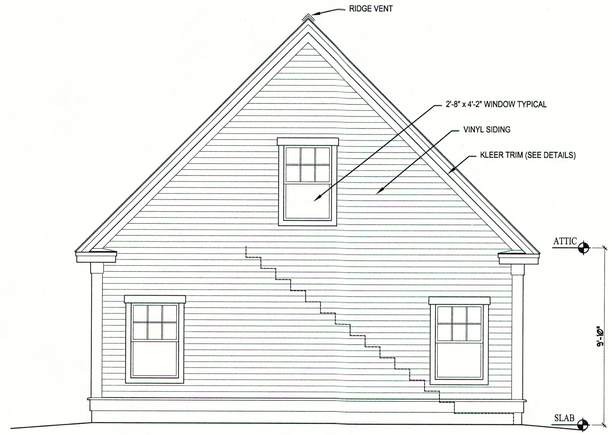
Revisions:

Scale: 1/4" = 1'-0"
Date: 19 Oct 2012

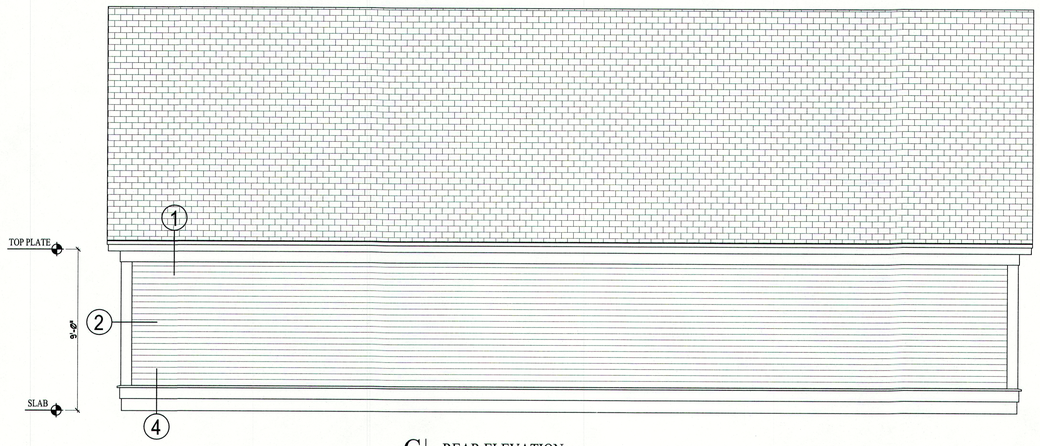
PLANS AND SECTION

A1

A | FRONT ELEVATION
SCALE: 1/4"=1'-0"



B | SIDE ELEVATION
SCALE: 1/4"=1'-0"



C | REAR ELEVATION
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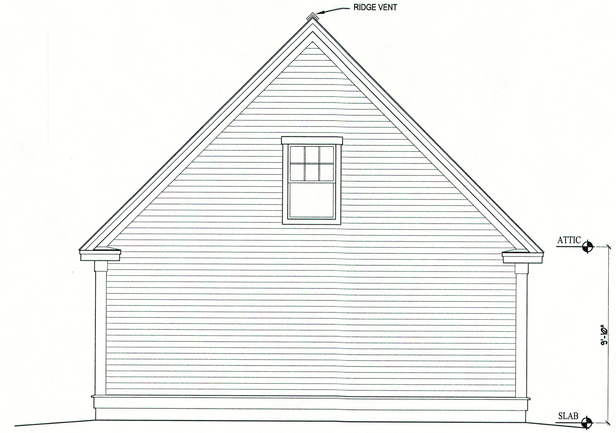
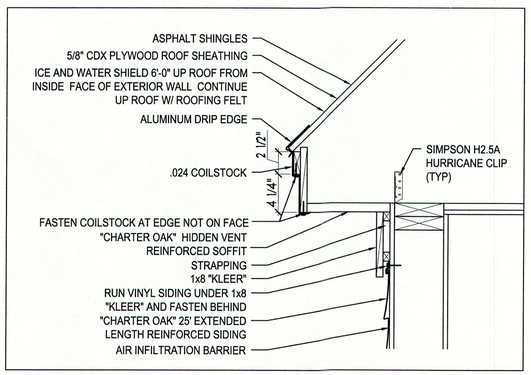


D | SIDE ELEVATION
SCALE: 1/4"=1'-0"



1 | EAVE DETAIL
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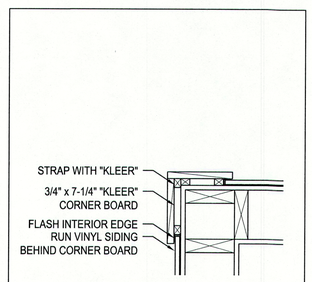
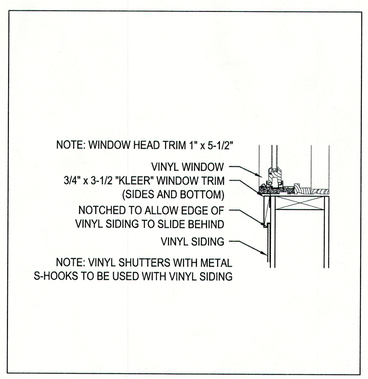
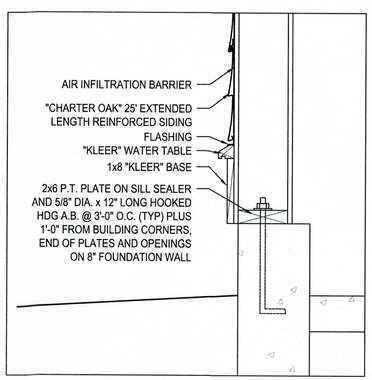


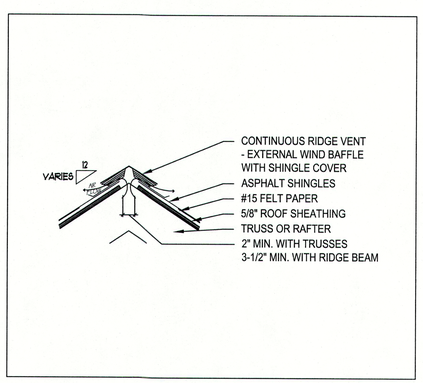
2 | CORNER BOARD DETAIL
SCALE: 1 1/2"=1'-0"



3 | WINDOW TRIM DETAIL
SCALE: 1 1/2"=1'-0"



4 | WATER TABLE DETAIL
SCALE: 1 1/2"=1'-0"



5 | RIDGE VEMT DETAIL
SCALE: 1"=1'-0"

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Project:
CUMBERLAND STORAGE/FOOD PANTRY
VILLAGE GREEN
CUMBERLAND, MAINE

Revisions:

Scale: 1/4" = 1'-0"

Date: 19 Oct 2012

ELEVATIONS AND TRIM DETAILS

A2